

~~Khrushchov, N.A.~~

BASHARKEVICH, L.D.; ANTROPOV, A.N.; KUSOV, N.I.; DYUKOV, A.I.; SPERANSKIY,
M.A.; KREYTER, B.M., glavnnyy red.; SHATALOV, Ye.T., zamestitel'
glavnogo red.; YEROFEEV, B.N., red.; ZENKOV, D.A., red.; KRASNIKOV,
V.I., red.; NIPONTOV, R.V., red.; SMIRNOV, V.I., red.; KHRUSHCHEV,
N.A., red.; YAKZHIN, A.A., red.; NEKIPEROV, V.Ye., red.; BERZOVSKAYA,
L.I., red. izd-va; PEN'KOVA, S.A., tekhn. red.

[Prospecting for coal and oil shale deposits] Razvedka mestorozhdenii
uglei i goriuchikh slantsev. Moskva, Gos. nauchn.-tekhn. izd-vo
lit-ry po geologii i okhrane nedr, 1957. 61 p. (Metodicheskie ukaza-
niia po proizvodstvu geolo-gorazvedochnykh rabot, no.9).
(Coal—Geology) (Oil shales) (MIRA 11:4)

ROZHKOY, I.S.; RUSANOV, B.S.; KREYTER, V.M., glavnnyy red.; SHATALOV,
Ye.T., red.vypuska; YEROFEYEV, B.N., red.; ZENKOV, D.A., red.;
KRASNIKOV, V.I., red.; NIFONTOV, R.V., red.; SMIRNOV, V.I.,
red.; KHUSHCHOV, N.A., red.; YAKZHIN, A.A., red.; VLASOVA,
S.M., red; vypuska; AVERKIYeva, T.A., tekhn.red.

[Methodological instructions on geological prospecting] Meto-
dicheskie ukazaniia po proizvodstvu geologo-razvedochnykh
rabot. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i
okhrane nedor. No.1 [Prospecting for alluvial gold, platinum,
tin, tungsten, titanium, tantalum, and niobium] Razvedka
rossyapnykh mestoroshdenii zolota, platiny, olova, vol'frama,
titana, tantala i niobia. 1957. 108 p. (MIRA 12:5)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
mineral'nogo syr'ya.
(Prospecting)

CHERNYSHOV, G.B.; BRITAYEV, M.D.; TARKHOV, A.G.; SHCHEBAKOV, A.V.; KHUTIE,
V.M., glavnnyy red.; SHATALOV, Ye.T., zamestitel' glavnogo red.;
YIROVYEV, B.N., red.; ZHUKOV, D.A., red.; KRASNIKOV, V.I., red.;
NIPONTOV, P.V., red.; SMIRNOV, V.I., red.; KHRUSHCHOV, N.A., red.;
YAKZHIN, A.A., red.; MUKHIN, S.S., red.; AVERKIYeva, T.A., tekhn.
red.

[Prospecting for ferrous metal deposits] Razvedka mestorozhdenii
chernykh metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po
geol. i okhrane nedor, 1957. 102 p. (Metodicheskie ukazaniia po
proizvodstvu geologo-razvedochnykh rabot, no.11). (MIRA 11:1)
(Iron ores) (Prospecting)

AMIRASLANOV, A.A.; BRITAYEV, M.D.; BYBOCHKIN, A.M.; ZENKOV, D.A.; TARKHOV,
A.G.; TSYGANKO, N.I.; SHCHEBRAKOV, A.V.; KREYTER, V.M., glavnnyy
red.; SHATALOV, Ye.T., zamestitel' glavnogo red.; YEROFEEV, B.N.,
red.; ZENKOV, D.A., red.; KRASNIKOV, V.I., red.; NIFONTOV, R.V.,
red.; SMIRNOV, V.I., red.; KHRUSHCHEV, N.A., red.; YAKZHIN, A.A.,
red.; VERSTAK, G.V. red. Izd-va; AVERKIYEVA, T.A., tekhn. red.

[Prospecting for copper, lead, and zinc deposits] Razvedka mest-
rozhdenii medi, svintsa i tsinka. Moskva, Gos. nauchno-tekhn. izd-vo
lit-ry po geol. i ohrane nadr, 1957. 135 p. (Metodicheskie ukaza-
niia po proizvodstvu geologo-razvedochnykh rabot, no.10).
(Ore deposits) (Prospecting) (MIRA 11:4)

KHRUSHCHOV, N.A.; KOSOV, B.M.; POLIKARPOCHKIN, V.V.; BRITAYEV, M.D.; TARKHOV, A.G.; SHCHEBRAKOV, A.V.; KHNITIN, V.M., glavnnyy red.; SHATALOV, Ye.T., zamestititel' glavnogo red.; YEROFEYEV, B.N., red.; ZENKOV, D.A., red.; KRASNIKOV, V.I., red.; NIVONTOV, R.V., red.; SMIRNOV, V.I., red., YAKZHIN, A.A., red.; VERNSTAK, I.V., red. izd-va; AVERKIYeva, T.A., tekhn. red.

[Prospecting for molybdenum, tungsten, tin, bismuth, antimony, and mercury deposits] Razvedka mestorozhdenii molibdena, vol'stroma, ol'ova, vismuta, sur'my i rtuti. Moskva. Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1957. 130 p. (Metodicheskie ukazaniia po proizvodstvu geologo-razvedochnykh rabot, no.6). (MIRA 11:1) (Ore deposits) (Prospecting)

GINZBURG, A.I.; NECHAYEVA, Ye.A.; LAVRENEV, Yu.B.; POZHARITSKAYA, L.K.;
MALYSHEV, I.I.,red.; RODIONOV, G.G.,red.; FAGUTOV, F.P.,red.;
~~KHRUSHCHOV, N.A.~~,red.; CHERNOVITOV, Yu.L.,red.; SHMARENKO, I.V.,
red.; SHCHERBINA, V.V.,red.; EYGELES, M.A.,red.; OVCHINNIKOVA, S.V.,
red.; AVERKIYEVA, T.A.,tekhn.red.

[Rare metal carbonatites] Redkometal'nye karbonatity. Moskva,
Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhr.nedr, 1958.
126 p. (Geologija mestorozhdenij redkikh elementov, no.1)

(MIRA 12:2)

(Carbonates (Geology))

MILOVANOV, G.N.; CHERNOSVITOVA, Yu.L.; GINZBURG, A.I., nauchnyy red.;
YERSHOV, A.D., glavnnyy red.; ZVEREV, L.V., red.; ZUBAREV, N.H., red.;
KHEYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'IEV, D.V., red.;
KHUSHCHOV, N.A., red.; SEMENENKOV, I.V., red.; IZRAILEVA, G.A.,
red. izd-va; IVANOVA, A.G., tekhn.red.

[Industry's requirements as to the quality of mineral raw material;
handbook for geologists] Trebovaniia promyshlennosti k kachestvu
mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po geol. i okhrane nedr. No.51. [Rare earth
elements] Redkozemel'nye elementy. Izd.2., perer. 1959. 58 p.
(MIRA 12:12)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'-
nogo syr'ya.

(Rare earths)

CHERNOSVITOV, Yu.L.; KONSTANTINOV, M.M., nsuchnyy red.; YERSHOV, A.D.,
glavnnyy red.; SHMANENKOV, I.V., zam.glavnogo red.; GINZBURG,
A.I., red.; ZVEREV, L.V., red.; KREYTER, V.M., red.; MOKROUSOV,
V.A., red.; SOLOV'IEV, D.V., red.; KHRUSHCHOV, N.A., red.; NEKRA-
SOVA, N.B., red.izd-va; IVANOVA, A.G., tekhn.red.

[Industrial requirements for the quality of raw minerals; handbook
for geologists] Trebovaniia promyshlennosti k kachestvu mineral'-
nogo syr'ia; spravochnik dlia geologov. Moskva, Gos.nauchno-tekhn.
izd-vo lit-ry po geol. i okhrane nedr. No.67. [Uranium] Uran. Nauchn.
red.M.M.Konstantinov. Izd.2., perer. 1959. 65 p. (MIRA 13:1)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo
syr'ya.

(Uranium)

BORZUNOV, V.M.; PETROV, V.P., nauchnyy red.; YERSHOV, A.D., glavnnyy red.; CHERNOSVITOV, Yu.L., zam.glavnogo red.; SHMARENKOV, I.V., zam. glavnogo red.; GINZBURG, M.I., red.; ZVEREV, L.V., red.; ZUBAREV, N.N., red.; KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.; KHRUSHCHEV, N.A., red.; STOLYAROV, A.G., red.izd-va; IVANOVA, A.G., tekhn.red.

[Industry's requirements as to the quality of mineral raw materials; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. No.12. [Feldspar] Polevoshpatovoe syr'e. Nauchn.red. V.P.Petrov. 1960. 25 p.

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

(Feldspar)

VESELOVSKIY, V.S.; BERLING, N.I., nauchnyy red.; YERSHOV, A.D., glavnnyy red.; CHERNOSVITOV, Yu.L., zam.glavnogo red.; SHMAREIKOV, I.V., zam. glavnogo red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; ZUBAREV, N.N., red.; KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.; KHRUSHCHOV, N.A., red.; STOLYAROV, A.G., red.izd-va; IVANOVA, A.G., tekhn.red.

[Industry's requirements as to the quality of mineral raw materials; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva, Gos.nauchno-tekn.izd-vo lit-ry po geol. i okhrane nedr. No.3. [Graphite] Grafit. Nauchn.red. N.I.Berling. 1960. 44 p. (MIRA 13:9)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.
(Graphite)

STEPANOV, I.S.; CHERNOSVITOV, Yu.L., nauchnyy red.; YERSHOV, A.D., glavnyy
red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; ZUBAREV, N.N., red.;
KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'IEV, D.V., red.;
KHRUSHCHOV, N.A., red.; SHMANENKOV, I.V., red.; STOLYAROV, A.G.,
red.; IVANOVA, A.G., tekhn.red.

[Industrial requirements as to the quality of mineral raw materials;
handbook for geologists] Trebovaniia promyshленности к качесвту
mineral'nogo syr'ia: spravochnik dlja geologov. Izd.2., perer.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr.
No.46. [Rubidium and cesium] Rubidiu i tseziu. Nauchn.red. IU.L.
Chernosvitov. 1960. 33 p.
(MIRA 14:2)

l. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mine-
ral'nogo syr'ya.
(Rubidium) (Cesium)

PHASE I BOOK EXPLOITATION SOV/5643

Khrushchov, N. A., and T. V. Butkevich

Trebovaniya promyshlennosti k kachestvu mineral'nogo syr'ya;
spravochnik dlya geologov. vyp. 27: Molibden i reniy (In-
dustrial Requirements Concerning the Quality of Mineral Raw
Materials; Handbook for Geologists. no. 27: Molybdenum and
Rhenium) 2d ed., rev. Moscow, Gosgeoltekhnizdat, 1960. 45 p.
10,000 copies printed.

Sponsoring Agency: Ministerstvo geologii i okhrany nedr SSSR.
Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo
syr'ya.

Scientific Ed.: Yu. L. Chernosvitov; Editorial Board: A. I.
Ginzburg, Chief Ed., A. D. Yershov, L. V. Zverev, N. N.
Zubarev, V. M. Kreyter, V. A. Mokrousov, D. V. Solov'yev,
N. A. Khrushchov; Deputy Chief Eds.: Yu. L. Chernosvitov
and I. V. Shmanenkov; Ed.: A. G. Stolyarov; Tech. Ed.:
A. G. Ivanova.

Card 1/4

Industrial Requirements Concerning the (Cont.) SOV/5643

PURPOSE : This booklet is intended for geochemists.

COVERAGE: The authors describe the characteristics, properties, and uses of molybdenum and rhenium ores. Types of deposits, industrial quality requirements, and testing and processing methods are also discussed. The present volume, the 27th in a series of 50, constituting a handbook on geology, is the second, revised edition. The first edition was published in 1950. No personalities are mentioned. There are 69 references: 52 Soviet, 15 English, 1 French, and 1 German.

Foreword

2

MOLYBDENUM

General Characteristics, Properties, and Areas of Application	3
Molybdenum Minerals	6

Card 2/4

SHCHERBINA, V.V.; GINZBURG, A.I., red. vypuska; MALYSHEV, I.I., red.; POLYAKOV, P.A., red.; RODIONOV, G.G., red.; STEPANOV, I.S., red.; TROKHACHEV, P.A., red.; FAGUTOV, V.P., red.; KERUSHCHOV, N.A., red.; CHERNOSVITOV, Yu.L., red.; SHMARENKOV, I.V., red. EYGELES, M.A., red.; ROZHKOVA, L.G., red. izd-va; LYERUSALIMSKAYA, Ye.S., tekhn. red.

[Geology of rare metal deposits] Geologija mestorozhdenii redkikh elementov. No. 8 [Geochemical characteristics of scandium and types of its deposits.] Osobennosti geokhimii skandiia i tipy ego mestorozhdenii. Moskva, Gos.nauch.-tekhn.izd-vo lit-ry po geol. i okhr. nedr, 1960, 56p. (Geologija mestorozhdenii redkikh elementov, no. 8). (MIRA 13:11)
(Scandium)

BUTKEVICH, T.V.; YERSHOV, A.D., glav. red.; CHERNOVITOV, Yu.L.,
zamestitel' glav. red.; SHCHAMENKOV, I.V., zamestitel' glav.
red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; ZUBAREV, N.N.,
red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.; TROYANOV,
A.T., red.; KHRUSHCHEV, N.A., red.; STEPANOV, I.S., nauchnyy
red.; ROZHKOVA, L.G., red. izd-va; IYERUSALIMSKAYA, Ye.S.,
tekhn. red.

[Industry's requirements as to the quality of mineral raw
materials; handbook for geologists] Trebovaniia pronyshlen-
nosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geolo-
gov. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit- ry
po geol. i okhrane nedr. No. 43. [Tungsten] Vol'fram. 1960. 61 p.
(MIRA 14:5)

l. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mi-
neral'nogo syr'ya.

(Tungsten)

VINOGRADOV, S.S.; ZUBAREV, N.N., nauchnyy red.; YERSHOV, A.D., glav. red.; CHERNOSVITOV, Yu.L., zam. glav. red.; SHMANENKOV, I.V., zam. glav. red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.; TROYANOV, A.T., red.; KHRUSHCHOV, N.A., red.; LYUBCHENKO, Ye.K., red. izd-va; BYKOVA, V.V., tekhn.red.

[Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedor. No.10 [Limestones] Izvestniaki. Nauch. red. N.N.Zubarev. 1961. 61 p.

(MIRA 14:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

(Limestone)

VASIL'YEV, P.V.; YERSHOV, A.D., glavnnyy red.; CHERNOSVITOV, Yu.L., zam. glavnogo red.; SHMANENKOV, I.V., zam. glavnogo red.; KALMYKOV, G.S., nauchnyy red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; ZUBAREV, N.N., red.; KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.; KHRUSHCHOV, N.A., red.; FEDOROVA, L.N., red.izd-va; IVANOVA, A.G., tekhn.red.

[Industry's requirements as to quality in mineral raw materials; a handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlja geologov. Izd.2., perer. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. No.66. [Coal] Ugol'. Nauchn.red.G.S.Kalmykov. 1960. 110 p. (MIRA 14:6)

1. Moscow. Vsescouznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

(Coal)

KUZ'MICHEVA, Antonina Trofimovna, red.; KHRUSHCHOVA, Valeriya Aleksandrovna, red.

[Problems in diphtheria] Voprosy difterii. Leningrad, Medgiz,
1961. 196 p. (MIRA 14:10)
(DIPHTHERIA)

S/081/61/000/019/024/085
B101/B144

AUTHORS: Khrushchov, N. A., Draglova, V. G., Pensionerova, V. M.,
Pankova, V. Ye., Rozovskaya, G. V.

TITLE: Distribution of rhenium, selenium, and tellurium in the
molybdenum deposits of the Soviet Union

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1961, 92, abstract
19G95 (Sb. "Mineral'n. syr'ye", M., no. 1, 1960, 86 - 92)

TEXT: Much-Re, Se, and, in part, also Te was found in some of the
molybdenites from 26 deposits belonging to different genetic types. Re
was determined by an improved photocolorimetric method permitting work
with weighed portions of 0.05 - 1 g. The resulting data were confirmed
by polarographic analysis. In the higher-temperature deposits of molyb-
denite, molybdenite-scheelite, and quartz-molybdenite-tungstite-greisen
formations, the Re content fluctuates between $5 \cdot 10^{-4}$ and $4.0 \cdot 10^{-3}$, and
that of Se is $2.0 - 8.6 \cdot 10^{-3}\%$. In the quartz-molybdenite-sericite forma-
tion, the Re content ranges between $1.0 - 6.3 \cdot 10^{-2}\%$, and that of Se
Card 1/2

Distribution of rhenium...

S/081/61/000/019/024/085
B101/B144

between $1.0 - 2.9 \cdot 10^{-2}\%$. In the quartz-molybdenite-chalcopyrite formation, the Re content ranges between $1.9 \cdot 10^{-2}$ and $1.2 \cdot 10^{-1}\%$, and that of Se between $2.3 - 6.0 \cdot 10^{-2}\%$. According to 16 determinations, the total Te content is up to $1.5 \cdot 10^{-2}\%$. Thus, the Re content in molybdenites, confronted with clark, is higher by a factor of 6000 - 1,200000, and the Se content by a factor of 133 - 4000. Practically important Re contents are presented by the majority of mesothermal molybdenum deposits (quartz-molybdenite-sericite and, especially, quartz-molybdenite-chalcopyrite formations). In molybdenites containing only little Re, the Se content is also low as a rule. Se is abundant in molybdenites with a major Re content. A rise of Re concentration is intenser than a rise of Se concentration. This is explained by a higher isomorphic miscibility of Re with Mo. Te in molybdenites is only found in small amounts, and the accumulations it forms are of no practical interest. [Abstracter's note: Complete translation.]

Card 2/2

GINZBURG, A.I.; GORZHEVSKAYA, S.A.; YEROFEYeva, Ye.A.; SIDORENKO, G.A.;
MALYSHEV, I.I., red.; POLYAKOV, M.V., red.; RODIONOV, G.G., red.;
STEPANOV, I.S., red.; TROKHACHEV, P.A., red.; FAGUTOV, V.P., red.;
KHRUSHCHOV, N.A., red.; CHERNOVITOv, Yu.L., red.; SIMANENKOV, I.V.,
red.; SHCHERBINA, V.V., red.; EYGELES, M.A., red.; NEMANOVA, G.F.,
red.izd-va; BYKOVA, V.V., tekhn.red.

[Titanates, tantalates, and niobates] Titano-tantalico-niobaty.
Moskva. Gos. nauchno-tekhn.izd-vo lit-ry po geol.i okhrane nedr.
Part 1. 1960. 166 p. (Geologija mestorozhdenij raskikh elementov,
no.10). (MIRA 14:6)

(Titanates) (Tantalates) (Niobates)

TERENT'YEVA, K.F.; GINZBURG, A.I., glavnny red.; MALYSHEV, I.I., red.; RODIONOV, G.G., red.; STEPANOV, I.S., red.; TROKHACHEV, F.A., red.; FACUTOV, V.P., red.; KHRUSHCHEV, N.A., red.; CHERNOVITOV, Yu.L., red.; SHMARENKOV, I.V., red.; SNIHERBINA, V.V., red.; EYGELES, M.A., red.; ROZHKOVA, L.G., red.izd-va; GUROVA, O.A., tekhn.red.

[Rare elements in bauxites] Redkie elementy v boksitakh. Moskva,
Gos.nauchn-tekhn. izd-vo lit-ry po geol.i okhr.nedr, 1959. 47 p.
(Geologiya mestorozhdenii redkikh elementov. no.6). (MLKA 13:12)
(Metals, Rare and minor) (Bauxite)

KHRUSHCHOV, N.A.; YERSHOV, A.D., glavnnyy red.; KREYTER, V.M., zamestitel'
glavnogo red.; BUTKEVICH, T.V., red.vypuska; KRASNIKOV, V.I., red.;
MOMDZHI, G.S., red.; SAAKYAN, P.S., red.; SMIRNOV, V.I., red.;
CHERNOVITOV, Yu.L., red.; ENTIN, M.L., red.izd-va; GUROVA, O.A.,
tekhn.red.

[Molybdenum] Molibden. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry
po geol.i okhrane nedr, 1961. 269 p. (Otsenka mestorozhdenii
pri poiskakh i razvedkakh, no.19). (MIRA 15:4)
(Molybdenum ores--Sampling and estimation)

VASIL'YEV, Petr Vasil'yevich; YERSHOV, A.D., glavnnyy red.; KREYTER, V.M., zam. glavnogo red.; KALMYKOV, G.S., red; BRITAYEV, M.D., red.; KRASNIKOV, V.I., red.; MALYSHEV, I.I., red.; MOMDZHI, G.S., red.; SAAKYAN, P.S., red.; SMIRNOV, V.I., red.; SOLOV'YEV, D.V., red.; CHERNOSVITOV, Yu.L., red.; KHRUSHCHOV, N.A., red.; PANOV, A.I., red.izd-va; GUROVA, O.A., tekhn.red.

[Coal] Ugol'. Moskva, Gos.nauchn.-tekhn.izd-vo lit-ry po geol.
i okhrane nedr, 1960. 343 p. (Otsenka mestorozhdenii pri
poiskakh i razvedkakh, no. 5) (MIRA 14:2)
(Mine examination) (Coal)

VINOGRADOV, Sergey Sergeyevich; YERSHOV, A.D., glavnnyy red.; KREYTER, V.M.,
zamestitel' glavnogo red.; GRIGOROVICH, M.B., red.vypuska;
KRASNIKOV, V.I., red.; MOMDZHI, G.S., red.; SAAKYAN, P.S., red.;
SMIRNOV, V.I., red.; KHRUSHCHOV, N.A., red.; CHERNOSVITOV, Yu.L.,
red.; NEMANOVA, G.F., red.izd-va; BORISOV, A.S., tekhn.red.

[Dolomites] Dolomity. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry
po geologii i okhrane nedr, 1961. 173 p. (Otsenka mestorozhdenii
pri poiskakh i razvedkakh, no.17) (MIRA 14:11)
(Dolomite)

SHEYNNMANN, Yu.M.; APEL'TSIN, F.R.; NECHAYEVA, Ye.A.; GINZBURG, A.I., red.;
MALYSHEV, I.I., red.; POLYAKOV, M.V., red.; RODIONOV, G.G., red.;
STEPANOV, I.S., red.; TROKHACHEV, P.A., red.; FAGUTOV, V.P., red.;
KHRUSHCHOW, N.A., red.; CHERNOSVITOVA, Yu.L., red.; SHMANENKOV, I.V.,
red.; SHCHERBINA, V.V., red.; EYGELES, M.A., red.; ROZHKOVA, L.G.,
red.izd-va; BYKOVA, V.V., tekhn.red.

[Alkaline intrusions, their distribution, and the mineralization
associated with them] Shchelochnye intruzii, ikh razmeshchenie i
sviazannaya s nimi mineralizatsiya. Moskva, Gos.nauchno-tekh.
izd-vo lit-ry po geol.i okhrane nedr, 1961. 176 p. (Geologija
mestorozhdenij redkikh elementov, no.12/13). (MIRA 15:8)
(Rocks, Igneous) (Ore deposits)

SHVEY, Igor' Vladimirovich; GINZBURG, A.I., glavnnyy red.; POLYAKOV, M.V.,
zamestitel' glavnogo red.; APEL'TSIN, F.R., red.; GRIGOR'YEV, V.M.,
red.; RODIONOV, G.G., red.; STEPANOV, I.S., red.; TROKHACHEV, P.A.,
red.; FAGUTOV, V.P., red.; KHRUSHCHOV, N.A., red.; CHERNOSVITOV,
Yu.L., red.; SHMANENKOV, I.V., red.; SHCHERBINA, V.V., red.;
EYGELES, M.A., red.; ENTIN, M.L., red.izd-va; BYKOVA, V.V., tekhn.red.

[Basic geochemical problems of rare earth elements and yttrium in
endogenic processes] Osnovnye voprosy geokhimii redkozemel'nykh
elementov i ittria v endogennykh protsessakh. Moskva, Gos. nauchn.-
tekhn. izd-vo lit-ry, po geologii i okhrane nedr, 1962. 105 p.
(Geologiya mestorozhdenii redkikh elementov, no.15). (MIRA 15:11)
(Rare earth metals) (Yttrium)

ABDULLAYEV, Kh.M.; ALYAVDIN, V.F.; AMIRASLANOV, A.A.; ANIKEYEV, N.P.;
ARAPOV, Yu.A.; BARSANOV, G.P.; BELYAYEVSKIY, N.A.; BOKIY, G.P.;
BORODAYEVSKAYA, M.B.; GOVOROV, I.N.; GODLEVSKIY, M.N.; SHCHEGLOV, A.D.;
SHAKHOV, F.N.; SHILO, N.A.; YARMOLYUK, V.A.; DRABKIN, I.Ye.;
YEROFEYEV, B.N.; YERSHOV, A.D.; IVANKIN, P.F.; ITSIKSON, M.I.;
KARPOVA, Ye.D.; KASHIN, S.A.; KASHKAY, M.A.; KORZHINSKIY, D.S.;
KOSOV, B.M.; KOTILAR, V.N.; KREYTER, V.M.; KUZNETSOV, V.A.; LUGOV,
S.F.; MAGAK'YAN, I.G.; MATERIKOV, M.P.; OMINTSOV, M.M.; PAVLOV, Ye.S.;
SATPAYEV, K.I.; SMIRNOV, V.I.; SOBOLEV, V.S.; SOKOLOV, G.A.; STRAKHOV,
N.M.; TATARINOV, I.M.; KHRUSHCHOV, N.A.; TSAREGRADSKIY, V.A.;
CHUKHROV, F.V.

In memory of Oleg Dmitrievich Levitskii; obituary. Sov.geol. 4
no.5:156-158 My '61. (MIRA 14:6)
(Levitskii, Oleg Dmitrievich, 1909-1961)

AL'TGAUZEN, M.N.; GINZBURG, I.I.; DUBOVSKAYA, M.V.; YERSHOV, A.D.;
MELKOV, V.G.; OS'KIN, N.I.; ROZHKOVA, Ye.V.; STRAKHOV, N.M.;
KHRUSHCHOV, N.A.; SHMANECHKOV, I.V.; SHCHERBAKOV, D.I.;
YANSHIN, A.L.; AMIRASIANOV, A.A.; GOTMAN, Ya.D.; ZUBREV, I.N.;
KOROVYAKOV, I.A.; ORLOVA, P.V.; PASOVA, F.G.; SAAKYAN, P.S.;
TERENT'YEVA, K.F.; SHANOBSKIY, L.M.; CHERNOSVITOV, Yu.L.;
SHCHERBINA, V.V.

IUrii Konstantinovich Goretskii; obituary. Sov.geol. 4 no.12:
153-155 D '61. (MIRA 15:2)
(Goretskii, Iuri Konstantinovich, 1912-1961)

ZABOLOTNAYA, N.P.; NOVIKOVA, M.I.; SHATSKAYA, V.T.; GINZBURG, A.I.,
glavnnyy red.; POLYAKOV, M.V., zam. glavnogo red.; APEL'TSIN,
F.R., red.; GRIGOR'IEV, V.M., red.; RODIONOV, G.G., red.;
TROKHACHEV, P.A., red.; FAGUTOV, V.P., rad.; KHRUSHCHOV, N.A.,
red.; CHERNOVITOV, Yu.L., red.; SHMANENKOV, I.V., red.;
SHCHERBINA, V.V., red.; EYGELES, M.A., red.; KOLOSHINA, T.V.,
red. izd-va; BYKOVA, V.V., tekhn. red.

[Tungsten-molybdenum-tin-beryllium deposits and their formation].
Vol'fram-molibden-olovo-berillievye mestorozhdeniya i usloviya
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logiya mestorozhdenii redkikh elementov, no.18).
(MIRA 16:4)

(Metals, Rare and minor)

BELYAYEVSKIY, N.A., red.; ALI-ZADE, A.A., red.; ALIYEV, M.M., red.;
BAKIROV, A.A., red.; BELOUSOV, V.V., red.; BEUS, A.A., red.;
BOGDANOV, A.A., red.; BORISOV, A.A., red.; BRENNER, M.M.,
red.; DYUKOV, A.I., red.; YERSHOV, A.D., red.; ZARIDZE, G.M.,
red.; KALUGIN, A.S., red.; KOSOV, B.M., red.; KOPTEV-
DVORNIKOV, V.S., red.; KOTLYAR, V.N., red.; LUGOV, S.F., red.;
MAGAK'YAN, I.G., red.; MARINOV, N.A., red.; MARKOVSKIY, A.P.,
red.; MALINOVSKIY, F.M., red.; PUSTOVALOV, L.V., red.; SATPAYEV,
K.I., red.; SEMENENKO, N.P., red.; TYZHNOV, A.V., red.;
KHRUSHCHOV, N.A., red.; SHCHEGOLEV, D.I., red.; YARMOLYUK, V.A.,
red.

[Materials on regional tectonics of the U.S.S.R.] Materialy po
regional'noi tektonike SSSR. Moskva, Izd-vo "Nedra," 1964. 193 p.
(MIRA 17:4)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskiy ko-
mitet.

STAVROV, O.D.; GINZBURG, A.I., glavnnyy red.; POLYAKOV, M.V., zam. glavnogo red.; APEL'TSIN, F.R., red.; GRIGOR'YEV, V.M., red.; RODIONOV, G.G., red.; STEPANOV, I.S., red.; TROKHACHEV, P.A., red.; FAGUTOV, V.P., red.; KHRUSHCHOV, N.A., red.; CHERNOSVITOV, Yu.L., red.; SHMANENKOV, I.V., red.; SHCHERBINA, V.V., red.; EYGELES, M.A., red.; FEDOTOVA, A.I., red.izd-va; IYERUSALIMSKAYA, Ye., tekhn. red.

[Basic characteristics of lithium, rubidium, sesium in the process of the formation granite intrusives and the pegmatites connected with them.] Osnovnye cherty geokhimii litija, rubidija, tseziia v protsesse stanovleniya granitnykh intruzivov i sviazannykh s nimi pegmatitov. Moskva, Gosgeoltekhnizdat, 1963. 140 p. (Geologija mestorozhdenii redkikh elementov, no.21). (MIRA 17:2)

EGEL', Lev Yeven'yevich; YERSHOV, A.D., glavnnyy red.; ZUBREV, I.N., zam.
glavnogo red.; GUDALIN, G.G., red.; KRASNIKOV, V.I., red. [de-
ceased]; KORESHKOV, B.Ya., red.; MDMZHI, G.S., red.; POZHARITSKIY,
K.L., red.; SMIRNOV, V.I., red.; SOLOVOV, A.P., red.; TROYANOV, A.
T., red.; FILIPPOVSKAYA, T.B., red.; KHRUSHCHOV, N.A., red.; CHER-
NOSVITOV, Yu.L., red.; GINZBURG, A.I., red.vypuska; PROKOF'YEV, A.
P., red.vypuska; SOKOLOVSKAYA, Ye.Ya., red.izd-va; BYKOVA, V.V.,
tekhn.red.

[Rare-earth metals.] Redkezemel'nye metally. Moskva, Gostoptekhiz-
dat, 1963. 332 p. (Otseka mestorozhdenii pri poiskakh i razvedkakh,
no.21).
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POKALOV, Valentin Tikhonovich; KHRUSHCHOV, N.A., nauchnyy red.

[Conditions governing the formation of endogenetic molybdenum deposits in the U.S.S.R.]. Usloviia obrazovaniia endogennykh mestorozhdenii molibdена v SSSR. Moskva, Nedra, 1964. 208p.
(Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. Trudy, no.12) (MIRA 18:2)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722410013-1

SURAZHSKIY, D.Ya.; POZHARITSKIY, K.L.; KHRUSHCHOV, N.A.

B.S. Levonik's book "Problems of economic geology." Sov.
geol. 7 no.1:160-163 Ja '64. (MIRA 17:6)

APPROVED FOR RELEASE: 03/13/2001

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KHRUSHCHOV, N.A.

Basic methods for improving the economic efficiency and the reliability of geological prospecting. Razved. i okh. nedr
30 no.7:25-29 Jl '64. (MIRA 17:12)

1. Vsescyuznyy nauchno-issledovatel'skiy institut mineral'nogo
syr'ya.

KOTLYAR, V.N., doktor geol.-miner. nauk, prof., red.; APEL'TSIN,
F.Ye., doktor geol.-miner. nauk, red.; YEROFEEV, B.N.,
kand. geol.-miner. nauk, red.; LUGOV, S.F., doktor geol.-
miner. nauk, red.; FOGEL'MAN, N.A., kand. geol.-miner.
nauk, red.; KHRUSHCHOV, N.A., doktor geol.-miner. nauk, red.

[Materials of the Interdepartmental Conference on the Prob-
lem "The Ore Potential of Volcanic Formations"] Materialy
Mezhvedomstvennogo soveshchaniia po probleme "Rudonosnost'
vulkanogennykh formatsii." Moskva, Nedra, 1965. 324 p.
(MIRA 18:6)

1. Mezhvedomstvennoye soveshchaniye po probleme "Rudonosnost'
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"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722410013-1

KHRUSHCHOV, N.G.

Characteristics of the course of aseptic inflammation in deaf-
ferented areas. Biul. MOIP. Otd. biol. 65 no.3:148-149 My-Je '60.
(MIRA 13:7)

(SKIN--INNERVATION) (INFLAMMATION)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722410013-1"

KHRUSHCHEV, N.G.

Comparative analysis of the course of aspetic inflammation in
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pat. no.11:64-69 '61. (MIRA 14:10)

1. Iz Tsentral'noy nauchno-issledovatel'skoy laboratorii (zav. -
dotsent E.M. Kogan; nauchnyy rukovoditel' - prof. T.A. Grigor'-
yeva) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.
(SKIN—INFLAMMATION) (NERVOUS SYSTEM—SYMPATHETIC)

BRODSKIY, V. Ya.; KHRUSHCHOV, N. G.

Cytospectrophotometry of DNA in direct division of the nucleus,
as exemplified by a study of fibroblasts of the subcutaneous
connective tissue both in the normal state and in the focus of
inflammation. Dokl. AN SSSR 147 no.4:939-942 D '62.
(MIRA 16:1)

1. Institut morfologii zhivotnykh im. A. N. Severtsova AN SSSR
i Institut morfologii cheloveka AMN SSSR. Predstavлено
akademikom Yu. A. Orlovym.

(AMITOSIS) (NUCLEIC ACIDS)

KHRUSHCHOV, N.G.

Autoradiographic study of the length of periods of the mitotic cycle in cells of shapeless areolar connective tissue under normal conditions. Dokl. AN SSSR 151 no.5:1201-1203 Ag '63.
(MIRA 16:9)

1. Institut morfologii cheloveka AMN SSSR. Predstavлено
академиком Yu.A.Orlovym.
(CONNECTIVE TISSUES) (KARYOKINESIS) (AUTORADIOGRAPHY)

KHRUSHCHOV, N.G.

Morphophysiological analysis of changes in desympathized skin.
Biul. eksp. biol. i med. 55 /i.e.56/ no.10:105-109 0'63
(MTRA 17:8)

1. Iz Nauchno-issledovatel'skogo instituta morfologii cheloveka
(dir.- chlen-korrespondent AMN SSSR prof. A.P. Avtyn) AMN SSSR,
Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Parinym.

KHRUSHCHOV, N.G.; BRODSKIY, V.Ya.; KRUGLIKOV, G.G.

Cytospectrophotometric and autoradiographic determination
of DNA in giant cell nuclei of foreign bodies. TSitologija
5 no.6:676-679 N-D '63. (MIRA 17:10)

1. Institut morfologii zhivotnykh imeni A.N. Severtsova AN
SSSR i Institut morfologii cheloveka AMN SSSR, Moskva.

BRODSKIY, V.Ya.; KHRUSHCHOV, N.G., KUSHCH, A.A.

Irregularity of the process of premitotic reduplication of DNA
in mammalian cells; cytospectrophotometric data. Biul. eksp.
biol. i med. 57 no.3:94-97 Mr '64.

(MIRA 17:11)

1. Institut morfologii zhivotnykh imeni A.N. Severtsova (dir. -
doktor biologicheskikh nauk M.S. Mitskevich) AN SSSR, Institut
morfologii cheloveka (dir. - chlen-korrespondent AMN SSSR prof.
A.P. Avtsyn) AMN SSSR, kafedra gistologii (zav. - prof. G.I.
Roskin) Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.
Predstavlena deystvitel'nym chlenom AMN SSSR N.N. Zhukovym-
Verezhnikovym.

Zbarskiy, I.B.; Yermolayeva, L.P.; Khrushchov, N.G.

Characteristics of the nucleotide composition of DNA of the
perinucleolic chromatin. Dokl. AN SSSR 157 no.1&175-177 J1 '64
(MIRA 17:8)

1. Predstavлено академиком A.I. Oparinym.

ZBARSKIY, I. B.; KHIRUSHCHOV, N. G.; YERMOLAYEVA, L. P.

"On the composition and biological role of the nucleolus-associated heterochromatin."

report submitted for 2nd Intl Cong, Histochemistry & Cytochemistry, Frankfurt,
16-21 Aug 64.

Inst of Animal Morphology, AS USSR, Vavilov Street 12/2, Moscow B-133.

ZBARSKIY, I. B.; KHRUSHCHOV, N. G.

"On the composition and biological role of the nucleolus-associated hetero-chromatin."

report presented at the 2nd Intl Cong of histo- and cytochemistry, Frankfurt/Main, 16-21 Aug 64.

Inst Animal Morphology, AS USSR, Moscow.

ZELENIN, A.V.; KHRUSHCHOV, N.G.

Nature of red granules detected by fluorescence microscopy in
the cytoplasm of neutrophil leukocytes. Probl. gemat. i perel.
krovi 9 no.3:26-32 Mr '64. (MIRA 17:10)

1. Laboratoriya funktsional'noy morfologii kletki (zav.- chlen-
korrespondent AN SSSR prof. M.N. Meysel') Instituta radiatsionnoy
i fiziko-khimicheskoy biologii AN SSSR i TSentral'naya nauchno-
issledovatel'skaya laboratoriya (zav.- dotsent E.M. Kogan) II
Moskovskogo meditsinskogo instituta imeni Pirogova.

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CIA-RDP86-00513R000722410013-1

ZALEVIN, A.V., kand. med. nauk; KHRUSHCHOV, N.G.

International Congress on Histo- and Cytochemistry. Vest. AN SSSR
34 no.1:76-77 Ja '65. (MIRA 18:2)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722410013-1"

GIMMEL'YAH, B.M.; KREYTER, B.M., glavnnyy red.; SHATALOV, Ye.T., zamestitel'
glavnogo red.; YEROFEYEV, B.N., red.; ZENKOV, D.A., red.; KRASHIKOV,
V.I., red.; NIFONTOV, R.V., red.; SMIROV, V.I., red.; KHRUSHCHOV,
V.I., red.; YAKZHIN, A.A., red.; MARKOV, P.N., red.; VERSTAK, G.V.,
red.; AVSHKIYeva, T.A., tekhn. red.

[Prospecting for phosphorite deposits] Razvedka mestorozhdenii fos-
foritov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane
nedr. 1957. 65 p. (Metodicheskie ukazaniia po proizvodstvu geologo-
razvedochnykh rabot, no.5). (MIRA 11:1)

(Phosphorites) (Prospecting)

S/133/62/000/003/006/003
A054/A127

AUTHORS: Bakuma, S. F., Engineer, Zil'berg, Yu. Ya., Candidate of Technical Sciences, Khrushchova, K. M., Engineer

TITLE: Using 08KП (08kp) grade steel in the production of bimetal strips

PERIODICAL: Stal', no. 3, 1962, 267 - 268

TEXT: The use of 08kp grade steel instead of armco iron in the production of steel-aluminum strips has several advantages: the bimetal-strip output can be increased, production is cheaper, the smelting time of 08kp grade steel is by 1 - 1 1/2 hours shorter than that of armco iron, less ferrosilicium and lime are required, the lining of the furnace and that of the ladle have a longer service life because the steel becomes less oxidized and has a lower temperature. The σ_B , σ_s , δ , H_B values and notch toughness (at various degrees of solidification or without solidification) are nearly identical for both metals. The dimensional stability and service life of the main bearing bushings and crank bearing bushings of heavy-duty D-54 (D-54) tractor engines, made of bimetal strips based on 08kp steel and armco iron were investigated and compared. The metals had the following composition: (in %)

Card 1/2

S/133/62/000/003/006/008
A054/A127

Using 08 K П (08kp) grade steel in...

	C	P	S	Si	Mn
08kp	0.08	0.009	0.0036	traces	0.35
armco iron	0.040	0.012	0.024	0.18	0.20

The technology used for bimetal strips based on 08kp steel was the same as for those made with armco iron (long-term annealing at 450°C followed by slow cooling). At the Volgogradskiy traktornyj zavod (Volgograd Tractor Plant) bushings were made from both types of bimetals, 3.2 and 5.2 mm thick. When the bushings made of 08kp steel strips were stamped, scratches were found on the metal surface, but the back of the sheet was cleaner than of sheets made with armco-iron. By pickling the bushings the amount of scratches could be reduced. High-quality stamped products are obtained when the hardness of the base is below 100 R_B and there is no gross scaling off the surface. The strips made with 08kp steel correspond to these requirements. As, during operation, the bushings are deformed by high temperature and stresses (mainly during fitting) it had to be found out in which way the technology and the chemical composition of the steel affected their dimensional stability. The changes of the free bushing-diameters of the D-54 engine, after heating to 100, 150 and 200°C and in a stressed condition were as follows:

Card 2/3

S/122/62/000/005/003/004
D234/D308

AUTHORS: Zil'berg, Yu.Ya., Candidate of Technical Sciences,
and Khrushchova, K.M., Engineer

TITLE: A new alloy for heavily loaded bearings of tractor
diesels

PERIODICAL: Vestnik mashinostroyeniya, no. 5, 1962, 53 - 56

TEXT: The authors describe the results of tests carried out on the alloy Al₄K (ATsK) consisting of Al, Zn, and Si. Its strength is found to increase with the content of Zn and Si; corrosion strength is practically the same as that of ACM (ASM) alloy. One of the optimum compositions from the point of view of physical properties is approximately 3 % Zn and 3 % Si. Lower melting point (75° C) reduces the danger of gas bubble formation. Mechanical properties of ATsK are generally within the same limits as those of ASM. In manufacturing bushings from steel and ATsK it was found possible to utilize broaching instead of diamond boring. Running-in bushings with ATsK requires less

Card 1/2

A new alloy ...

S/122/62/000/005/003/004
D234/D308

time than those with ASM. Bushings were also tested on experimental motors under operating conditions and their durability and working capacity were found to be high. There are 2 figures and 1 table.

Card 2/2

ZIL'BERG, Yu.Ya., kand. tekhn. nauk; KHRUSHCHOVA, K.M., inzh.

Improving the reliability of the bearing bushes of a crankshaft.
Trakt. i sel'khozmash. no.5:35-37 My '65. (MIRA 18:6)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktornyy
institut.

KHRUSHCHOVA, M.M., studentka

Petrography of a granite massif from eastern Transbaikalia.
Izv. vys. ucheb. zav.; geol. i razv. 7 no.4:141-144 Ap '64.
(MIRA 18:3)
1. Moskovskiy geologorazvedochnyy institut im. S. Ordzhonikidze.

L 22963-66 EWT(d)/T/EWP(1) IJP(c) GG/BB

ACC NR: AP6009785

SOURCE CODE: UR/0102/66/000/001/0043/0048

AUTHOR: Imas, L. N. (Kiev); Kravets', T. D.--Kravets, T. D. (Kiev); Khrushchova, N. V.--Khrushcheva, N. V. (Kiev)

ORG: none

TITLE: "Alpha" system recognizes situations of an external member model

SOURCE: Avtomatyka, no. 1, 1966, 43-48

TOPIC TAGS: recognition system, recognition process,
learning mechanism37
B

ABSTRACT: The possibility of using the "alpha" recognition system as a corrector was investigated. In combined control systems having members with external characteristics, corrections of the open loop of the regulator are essential. The research was conducted on an analog model of a member having an open loop with "indentations" on the characteristics, simulated by two forms of curves of the quality index level. The change in situation was simulated by shifting the quality index level curves relative to the open loop of the system. It was shown that the "Alpha" system can recognize situations after learning. Orig. art has: 3 figures and 2 tables. [Based on author's abstract]

[NT]

SUB CODE: 091 SUBM DATE: 14Nov65/ ORIG REF: 003/

Card 1/1

Z

L 03010-67 EWT(d)/T/EWP(1) IJP(c) BB/00

ACC NR: AP6005853

SOURCE CODE: UR/0102/65/000/004/0076/0080

AUTHOR: Krotenko, V. P. (Kiev); Parra, I. K. (Kiev); Khrushchova, N. V. (Kiev)

5/
B

ORG: none

TITLE: Contactless elements of the "Alpha" recognition system using transfluxors

16C

SOURCE: Avtomatyka, no. 4, 1965, 76-80

TOPIC TAGS: self organizing system, pattern recognition, associative memory, memory core

ABSTRACT: The article describes associating elements in the "Alpha" recognition system and an adder using transfluxors. The first associating element described is for a recognizing system with an extreme regulator and general (external) feedback. It uses four transfluxors. The second circuit has local (internal) feedback and is based on the first circuit, but has six transfluxors. In contrast to circuit 1 it falls into the proper state almost instantaneously without prior trials; this is accomplished by cutting the control and blocking windings of two extra feedback switches into the whole shift and control circuit by means of two switches which enter into the makeup of each circuit. Voltage adding circuits are also described in some detail. The

-Card 1/2

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CIA-RDP86-00513R000722410013-1

KHRUSHCHOVA, T. F.; FRANK-ZABLUDOVSKAYA, T. F.; FRANTSEVICH, I. N.

"Cathodic Protection of Gas Mains" (Katodnaya zashchita magistral'nykh gazoprovodov), AS USSR, 1949, 80 pp.

Institute of Ferrous Metallurgy, AS USSR

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722410013-1"

KHRUSHCHEVA, T. N.

35502. Ekstrapleural'nyy pnevmotoraks i oleotoraks v terapii tuberkuleza legkikh. V SB: Voprosy grudnoy khirurgii. T. III. M., 1949, c. 163-66.

Letopis' Zhurnal'nykh Statey, Vol. 48, Moskva, 1949

KHRUSHCHEVA, T. N.

"Extrapleural Pneumothorax and Oleothorax in Therapy for Pulmonary Tuberculosis"

b SB: Voprosy Grudnoy Khirurgii, Vol 3, Moscow, 1949, pp166-72

Istoriya Zhurnal'nykh Statey, 1949, item #35502

1. KHRUSHCHOVA, T.N. M.D.
 2. USSR (600)
 4. Chest - Surgery
 7. Single-stage upper thoracoplasty with rib-removal, Probl.tub. no. 2, 1953.
-
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

KHRUSHCHOVA, T.N.

Summaries of papers presented at the XXVI Congress of Surgeons of the USSR, Moscow, 20 - 27 January 1955, included:

Modern Foundations of Surgical Treatment of Pulmonary Tuberculosis.

L. K. BOGUSH and T. N. KHRUSHCHOVA

SOURCE: ██████████ A-46013 (Official Publication) Unclassified.

KHRUSHCHOVA, T.N., doktor meditsinskikh nauk

Late results of pneumo- and oleothorax in the treatment of pulmonary tuberculosis. Probl.tub. no.2:20-25 Mr-Ap '55. (MLRA 8:6)

1. Iz khirurgicheskogo otdeleniya (zav. -prof. L.K.Bogush) Instituta tuberkuleza Akademii Meditsinskikh nauk SSSR (dir. Z. A. Lebedeva).

(PNEUMOTHORAX, ARTIFICIAL,
results)

(COLLAPSE THERAPY,
oleothorax, results)

KERUSHCHOVA, T.N., doktor meditsinskikh nauk

Significance of surgical collapse methods in cavitary tuberculosis.
Sov.med. 21 no.6:41-45 Je '57. (MLR 10:9)

1. Iz Instituta tuberkuleza (dir. Z.A.Lebedeva) ANU SSSR
(COLLAPSE THERAPY
pneumolysis & thoracoplasty)
(PNEUMONECTOMY
comparison with pneumolysis & thoracoplasty)

AL', G.E., doktor med.nauk; AMOSOV, N.M., prof.; ANTELAVA, N.V., prof.; BOGUSH, L.K., prof.; VOZNESENSKIY, A.N., prof.; VIL'NYANSKIY, L.I., kand.med.nauk; LAPINA, A.A., prof.; MASSINO, S.V., doktor med.nauk; MIKHAILOV, F.A., prof.; RABUKHIN, A.Ye., prof.; KHRUSHCHOVA, T.N., prof.; SHAKLEIN, I.A., prof.; YABLOKOV, D.D., prof.; BINIS, V.L., prof., zasluzhennyy deyatel' nauki, otv.red.; KORNEV, P.G., prof., red.; KUDRYAVTSEVA, A.I., prof., red. [deceased]; LAPINA, A.I., red.; LEBEDEVA, Z.A., kand.med.nauk, red.; STRUKOV, A.I., prof., red.; SHEBANOV, F.V., prof., zasluzhennyy deyatel' nauki, red.toma; GRINSHPUKT, Ye.M., red.; LYUDKOVSKAYA, N.I., tekhn.red.

[Multivolume manual on tuberculosis] Mnogotomnoe rukovodstvo po tuberkulezu. Moskva, Gos.izd-vo med.lit-ry. Vol.2. [Tuberculosis of the respiratory organs] Tuberkulez organov dykhaniia. Red.toma A.E.Rabukhin i F.V.Shebanov. Book 2. 1959. 408 p. (MIRA 13:5)

1. Chleny-korrespondenty AMN SSSR (for Antelava, Bogush, Yablokov, Strukov). 2. Deyatvit'nyy chlen AMN SSSR (for Kornev).
(TUBERCULOSIS)

MERUSHCHOVA, T.N., prof.

~~Process of healing following extrapleural pneumolysis in pulmonary tuberculosis. Probl.tub. 37 no.4:53-58 '59. (MIRA 12:10)~~

1. Iz Instituta tuberkuleza AMN SSSR (dir. Z.A.Lebedeva).

(COLLAPSE THERAPY

extrapleural pneumolysis, process of cure in
tuberc. patients (Rus))

KHRUSHCHOVA, T.N., prof.

Place of collapse surgery in the treatment of pulmonary
tuberculosis. Probl. tub. 40 no.6:29-31 '62 (MIRA 16:12)

1. Iz TSentral'nogo instituta tuberkuleza Ministerstva zdravo-
okhraneniya SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof.
N.A. Shmelev).

KHRUSHCHOVA, V. A.

Khrushchova, V. A., Levina, A. V. and Teytel'baum, F. M. "Allergic conditions during scarlet fever and methods for their detection," in symposium: Skarlatina i streptokokkovyye infektsii, Leningrad, 1948, p. 121-36 - Bibliog: 14 items

So: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

KHRUSHCHEVA, V.A., kandidat meditsinskikh nauk; TEYTEL'BAUM, F.M.; MARKOVA,
A.A., kandidat meditsinskikh nauk

Serological diagnosis of diphtheria. Vop. okh. mat. i det. 1 no.4:
13-17 Jl-Ag '56. (MLRA 9:9)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo
instituta (dir. - prof. A.L.Libov) i detskoj infektsionnoy bol'niцы
Sverdlovskogo rayona Leningrada (glavnnyy vrach N.A.Nikitina)
(DIPHTHERIA--DIAGNOSIS)

Sverdlovsk

infektsionnoy
bol'niцы

IOFFE, V.I., ANSHILOV, I.M., KHRUSHCHOVA, V.A., KUZ'MICHEVA, A.T., NIKITINA, N.A.

Development of droplet infections in children. Report No.1:
Dynamics of changes in epidemiological characteristics of diphtheria
in Leningrad. Zhur.mikrobiol.epid. i immun. 29 no.6:9-14 Je '58
(MIRA 11:7)

1. Iz Instituta eksperimental'noy meditsiny AMN SSSR, Instituta
imeni Pastera, Detskoy infektsionnoy bol'nitsy Sverdlovskogo rayona
Detskoy bol'nitsy imeni Filatova i Infektsionnoy bol'nitsy Botkina.
(DIPHTHERIA, epidemiology.
In Russia, dynamics of change of epidemiol. (Rus))

IOFFE, V.I., ANSHELES, I.M., KHRUSHCHOVA, V.A., KUZ'MICHEVA, A.T., MIKITINA, N.A.

Development of droplet infections in children. Report No.2: Change
in the epidemiological character of scarlet fever and its comparison
with the development of diphtheria. Zhur.mikrobiol.epid. i immun
29 no.6:14-20 Je '58
(MIRA 11:7)

1. Iz Instituta eksperimental'noy meditsiny AMN SSSR, Instituta
imeni Pastera, Detskoy infektsionnoy bol'nitsy Sverdlovskogo rayona,
Detskoy bol'nitsy imeni Filatova, Infektsionnoy bol'nitsy Botkina.
(DIPHTHERIA, epidemiology,

in Russia, dynamics of change of epidemiol. & comparison
with scarlet fever (Rus))

(SCARLET FEVER, epidemiology

in Russia, dynamics of change of epidemiol. & comparison
with diphtheria (Rus))

KHRUSHCHEVA, V. A.; KUDASOVA, M. S.; SEMENOVA, Z. P.; TENTEL'BAUM, F. M.;
MARKOVA, A. A.

"Work experience of a diagnostic hospital for children suspected
of having diphtheria."

Report submitted at the 13th All-Union Congress of Hygienists,
Epidemiologists and Infectionists. 1959

KHRUSHCHOVA, V.A., kand.med.nauk

Bacteriological and serological characteristics of patients admitted to hospitals in 1957 with a diagnosis of "diphtheria and diphteria?" Vop. okh. mat. i det. 4 no.3:12-17 My-Je '59.
(MIRA 12:8)

1. Iz Detskoj infektsionnoy bol'nitsy (glavnnyy vrach - zaslu-zhennyy vrach RSFSR N.A.Nikitina) Sverdlovskogo rayona Leningrada.

(DIPHTHERIA--BACTERIOLOGY)

KHRUSHCHOVA, V.A., kand.med.nauk; TEYTEL'BAUM, F.M.

Use of the method of phage typing of staphylococci in the study of
staphylococcal diseases in children. Vop. okh. mat. i det. 6 no.7:
52-57 Jl '61. (MIRA 14:8)

1. Iz detskoy infektsionnoy bol'nitsy Sverdlovskogo rayona Leningrada
(glavnyy vrach - zasluzhennyy vrach RSFSR N.A.Nikitina).
(STAPHYLOCOCCAL DISEASE) (BACTERIOPHAGE)

KHRUSHCHOVA, V.A.

Determination of the toxigenicity of diphtheria bacteria on a
solid nutritive medium. Vop. okh. mat. i det. 7 no. 4:37-40 Ap '62.
(MIRA 15:11)

1. Iz detskoy infektsionnoy bol'nitsy (glavnnyy vrach - zasluzhennyj
vrach RSFSR N.A. Nikitina) Sverdlovskogo rayona Leningrada.
(CORYNEBACTERIUM DIPHTHERIAE)

KHRUSHCHOVA, V.A.; TEYTEL'BAUM, F.M.

Significance of the serological method in the laboratory diagnosis
of diphtheria. Vop. okh. mat. i det. 8 no.7:22-25 Jl '63.
(MIRA 17:2)

1. Iz Vasileostrovskoy detskoy infektsionnoy b'linitsy (glavnyy
vrach - zasluzhennyi vrach RSFSR N.A. Nikitina), Leningrad.

KHRUSHCHOVA, V.M.

Comparative study of blood coagulation indices and the fibrinolytic activity of patients with cancer, stomach and duodenal ulcer before and after surgery. Khirurglia 40 no.1:110-115 Ja '64. (MIRA 17:11)

1. Fakul'tetskaya khirurgicheskaya klinika (zav. - akademik A.N. Bakulev) II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni Pirogova.

BAKULEV, A. N., akad.; KHRUSHCHOVA, V. M.

Study of blood coagulation components and of fibrinolytic activity
in surgical patients before and after surgery. Khirurgia 38
no.7:16-22 Jl '62. (MIRA 15:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (dir. - akad. A. N.
Bakulev) II Moskovskogo gosudarstvennogo meditsinskogo instituta
imeni N. I. Pirogova i gruppy AMN SSSR.

(BLOOD--COAGULATION) (FIBRINOLYSIS)
(SURGERY, OPERATIVE)

KHRUSHCHOVA, Ye.V.

Use of digital computers for calculating short-circuit currents.
Trudy Inst. elektrotekh. AN URSR no.19:79-88 '62.

(MIRA 16:5)

1. Prinimali uchastiye: Usova, Z.V., tekhnik; Vatuleva, N.Z.,
matematik-programmist.
(Electric power distribution)

NESTERENKO, A.D., ovt.red.; LEBEDEV, S.A., akademik, red.; TETEL'BAUM,
S.I., red.[deceased]; TSUKERNIK, L.V., kand.tekhn.nauk, red.;
MILYAKH, A.N., kand.tekhn.nauk, red.; KHRUSHCHOVA, Ye.V., kand.
tekhn.nauk, red.; KISINA, I., red.izd-va; YEFIMOVA, M.I., tekhn.red.

[Problems in magnetic measurements] Voprosy magnitnykh izme-
renii. Kiev, 1959. 117 p. (MIRA 12:8)

1. Akademiya nauk USSR, Kiyev, Institut elektrotekhniki.
2. Chlen-korrespondent AN USSR (for Nesterenko, Tetel'baum).
(Magnetic measurements)

AVRAMENKO, V.N.; VASIL'YEV, S.Ye.; KLIMENKO, G.A.; KHRUSHCHOVA, Ye.V.

Use of digital computers for calculating load distribution
efficiency between the electric power plants of the Kiev electric
power system. Trudy Inst. elektrotekh. AN URSR no.19:5-15 '62.
(MIRA 16:5)

(Electric power distribution)
(Kiev Province— Electric power plants)

KHRUSHCHOVA, Ye.V. (Kiyev)

Methods for calculating short-circuit currents using digital
computers. Izv. AN SSSR. Energ. i transp. no.4:481-490 Jl-Ag
(MIRA 16:11)
163.

KHRUSHCHOVA, Ye.V., kand. tekhn. nauk; KRYLOV, V.A., inzh.

Experience in using programs and the "Ural-2" digital computer in calculating short circuit currents in complex power systems. Energ. i elektrotekh. prom. no.2:11-13 Ap-Je '64. (MIRA 17:10)

KHRUSHCHOVA, Ye.V., kand. tekhn. nauk; KRYLOV, V.A., inzh.; KASHPROVSKIY, S.Ye.,
inzh.

Calculation of single-phase short-circuits in the power systems of the
Ukrainian S.S.R. using the "Ural-2" computer. Energ. i elekrotekh.
prom. no.1:9-11 Ja-Mr '65. (MIRA 18:5)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722410013-1

ARYLOW, V.L., Inzh.; KHRUSIKHOVA, Ye.V., kand.tekhn.nauk

Automation of short-circuit current calculations using digital
computers with different changes in the network diagram. Energ.
i elektrotskh. prom. no.238-10 Ap-Je '65.

(MIRA 18:8)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722410013-1"

KHRUSHCHOVA, Ye.V., kand.tekhn.nauk; IEDCHENKO, V.A., inzh.

Methods for determining natural and mutual resistances of stages
Energ. i elektrotekhn. prom. no.2315-36 Ap-Je '65.

(MIRA 18:8)

L 12770-66 EWT(1)/FCC GW

ACC NR: AP6002748 (N) SOURCE CODE: UR/0203/65/005/006/1034/1045

AUTHOR: Lauter, Ye. A.; Khruskova, Yu.; Nestorov, G.; Shprenger, K.

ORG: Ionospheric Research Observatory, Kühlungsborn, GDR (Observatoriya ionosfernykh issledovaniy)

TITLE: Variations in ionospheric absorption with respect to time and space in the long-wave region when the sun is low and at night

SOURCE: Geomagnetizm i aeronomiya, v. 5, no. 6, 1965, 1034-1045

TOPIC TAGS: ionospheric absorption, ionospheric radio wave, solar activity

ABSTRACT: The authors give the results of measurements made over several years by the atmospheric probe method in the long-wave region on lines up to 350 km long in Middle and Eastern Europe. The frequency relationship is given for midnight absorption in the long, medium-long and medium wavelength regions with a maximum of about 17 db at 200 to 400 kc. The diurnal variation in ionospheric absorption in the long-wave region when the sun is low and at night shows that absolutely nocturnal conditions prevail at solar zenith angles $\chi > 100^\circ$, while the photodissociation process takes place at values of χ to -90° . The annual varia-

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UDC: 550.388.2

39

B

L 12770-66

ACC NR: AP6002748

tion in nighttime absorption has the form of a double curve with maxima in summer and winter, and minima immediately following the equinoxes. The injection of high-energy particles into the lower ionosphere during and following magnetic storms strongly increases absorption in the long-wave region, especially at λ between -10 and $+10^\circ$, and at night. In these cases, the frequency at a geomagnetic latitude of 55° depends on the solar activity cycle, while penetration of high-energy particles below 50° is extremely rare. Orig. art. has: 12 figures and 1 table.

SUB CODE: 17, 04 SUBM DATE: 28Apr65/ OTH REF: F014/ MATD PRESS: [14] 4184

Card 2/2 HW

KHRUSLOV, A.V.

YEFTIMOV, I.A.; ORLOV, Ye.N., redaktor; GEORGIANOV, K.V., redaktor;
IVANOV, V.A., redaktor; ISAKOV, I.M., redaktor; KHRUSLOV, A.V.,
redaktor; LEVINA, M.D., redaktor; USOVA, A.M., tekhnicheskiy
redaktor.

[Manual for a ship's radio mechanic] Posobie dlja sudovogo radio-
montera. Leningrad, Gos.izd-vo sudostroitel'noi lit-ry. Pt. 2.
[Assembling work] Montazhnoe delo. Sost. I.A.Efimov. 1948, 207 p.

l. Russia (1923- U.S.S.R.) Ministerstvo sudostroitel'noy promy-
shlennosti.

(Radio--Installation on ships)

(MLRA 8:11)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722410013-1

GORIN, Ye.I.; KHRUSLOV, L.V.

Mechanized cleaning of filters. Vod. i san. tekhn. no.8:35
Ag '58.

(Filters and filtration)

(MIRA 11:9)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722410013-1"

15.93 00

27545
S/138/61/000/006/003/006
A051/A129AUTHORS: Khruslov, V. K., Bartenev, G. M.

TITLE: Effect of thermal processing in aggressive media on the structure and sealing properties of rubbers

PERIODICAL: Kauchuk i rezina, no. 6, 1961, 23 - 25

TEXT: Preliminary thermal processing of rubber sealers at a temperature of 150°C in liquid aggressive media retains the contact tension much better and brings about a slower growth of the residual deformation in subsequent service. The thermally-processed sealer-vings give better hermetical protection. The authors of this article have investigated the mechanism of the latter effect. Rubber based on CKH-26 (SKN-26) with a masticator (Rubber no. 1) was subjected to thermal processing in a closed container at 150°C in the hydraulic liquid AMF-10Ф (AMG-10F); CKH-26 (SKN-26), CKH-18 (SKN-18) and thiccel-based rubbers (rubber no. 2) were processed under the same conditions at 150°C in kerosene. A study was made of the change in the static 24-hour sample under compression depending on the duration of the thermal processing in liquids and in air, and the linear dimensions of the samples, the weight swelling and hardness. The obtained data led to a

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S/138/61/000/006/003/006
A051/A129

Effect of thermal processing in aggressive media...

drop in the tension takes place due to chemical relaxation. The swelling of the rubber brings about a sharper initial drop of the tension in the compressed thermally-processed sealer until a certain constant value is reached. Due to structuralizing this drop is greater than in the sealer which is not thermally processed. Both factors improve the sealing properties of the rubber based on nitrile raw materials, since they result in elevated and more stable values of the contact tension. There are 3 sets of graphs and 2 Soviet-bloc references.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti (Scientific Research Institute of the Rubber Industry)

Card 3/6

KALUZHENA, K.F.; ZHEVERDYAYEV, O.N.; KHRUSLOV, V.K.

Changes in rubber structure occurring during the thermal
treatment in an aggressive medium. Kauch. i rez. 24 no.12;
17-18 '65. (MIRA 18:12)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.

L 15008-65 EWT(d) Pg-4 IJP(c)/AFWI/AED(a)-5/AFETR/ESD(dp)
REF ID: APL049382

5/0079/64/065/003/0458/c472

AUTHORS: Marchenko, V. A.; Khruslov, Ye. Ya.

TITLE: Boundary value problems with fine grained boundary

SOURCE: Matematicheskiy sbornik, v. 65, no. 3, 1964, 458-472

TOPIC TAGS: boundary value problem, Green function, differential equation, integral operator

ABSTRACT: The authors seek the Green's function G
$$\Delta G + k^2 G = \delta(P, Q) \quad (\text{Im } k > 0) \quad (1)$$

for the Helmholtz equation in the region in \mathbb{R}^3 bounded by some fixed surface Γ .
They consider a sequence of regions $D^{(n)}$ with boundaries $\{S(F_i^{(n)})\}$, where $F_i^{(n)}$
is a body bounded by closed Lyapunov surfaces $S(F_i^{(n)})$, and their corresponding
Green's functions $G^{(n)}(P, Q; k)$. As $n \rightarrow \infty$ they find conditions for existence of

$$\lim_{n \rightarrow \infty} G^{(n)}(P, Q; k) = G(P, Q; k). \quad (2)$$

seek a limiting function, solving the Helmholtz equation (1) under certain boundary
conditions on the surface Γ , and determine these boundary conditions. They

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L 19008-95

ACCESSION NR: APL049387

generalize to show strong convergence to an integral operator with kernel $G(P,Q)$ satisfying $\Delta G - 4\pi f(P)G + k^2G = \delta(P, Q)$. (3)

"The authors express their unbounded gratitude to N. S. Landkof for his valuable discussions." Orig. art. has: 29 formulas and 3 figures.

ASSOCIATION: none

SUBMITTED: 19Mar64

ENCL: 00

SUB CODE: MA

NO REF Sov: 002

OTHER: 000

Card 2/2

BERLIN, A.A.; BASS, S.I.; Prinimali uchastiye: MOSTOVAYA, L.A.;
KHRUSLOVA, N.V.

Local activation of compounds with a conjugation system in
reactions of inhibition involving oxidation processes. Dokl.
AN SSSR 150 no.4:795-798 Je '63. (MIRA 16:6)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni
M.V. Lomonosova. Predstavлено академиком S.S. Medvedevym.
(Paraffins) (Oxidation) (Inhibition(Chemistry))

KHRUSMALEV, P. A.

AID - P-136

Subject : USSR/Aeronautics
Card : 1/1
Author : Khrusmalev, P. A., Representative of the DOSAAF committee of the Ukrainskaya SSR
Title : Achievements of Aviation Sportsmen of the Soviet Ukraine
Periodical : Kryl. Rod., 1, 3 - 4, Ja 54
Abstract : Activities and achievements of members of the All-Union Voluntary Society for the Promotion of the Army and of Aviation (DOSAAF). Some names. Photos.
Institution : Various DOSAAF organizations
Submitted : No date

LUKASHIK, Vladimir Ivanovich; KHRUSTAL', N.V., red.; MAKHOVA, N.N.,
tekhn. red.

[Questions and problems in physics for eight-year schools; a
textbook for teachers] Sbornik voprosov i zadach po fizike dlia
vos'miletnei shkoly; posobie dlia uchitelia. Moskva, Uchped-
giz, 1962. 158 p.
(Physics--Problems, exercises, etc.)

ROMANOVSKIY, Vladimir Nikolayevich; BOZHKO, Vsevolod Konstantinovich;
KHUSTAL', N.V., red.; KOVALENKO, V.L., tekhn. red.

[A manual for electricians] Spravochnik elektrika; posobie dlia
uchashchikhsia srednei shkoly s proizvodstvennym obucheniem.
Moskva, Uchpedgiz, 1962. 191 p. (MIRA 16:2)
(Electric power distribution--Handbooks, manuals, etc.)
(Electric wiring--Handbooks, manuals, etc.)